Network Channel/Network Channel Interface/Secondary Network Channel Interface Code

Overview

The Network Channel/Network Channel Interface (NC/NCI) Inquiry will allow a customer to determine whether a combination of NC, NCI and SECNCI codes are used by Ameritech. The customer may provide a specific value for NC, NCI and SECNCI, or partial values. Ameritech will return all matching code combinations based on the values provided.

This transaction is handled on a real-time basis. Communications between the Telecommunications Carrier and Ameritech is based on EDI message formats.

- Customers will submit an EDI 850 NC/NCI request.
- Customers will receive an EDI 855 NC/NCI response.
- The EDI 850 and 855 transactions will be based on EDI ASCX12 version 003072.

NC/NCI

ESO Guide

AIIS

February 3, 2000

Transaction Layouts

850 Purchase Order – NC/NCI Inquiry

Functional Group ID=**PO**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
Must Use	150	DTM	Date/Time Reference	M	1		
Must Use	185	SI	Service Characteristic Identification	M	3		
			LOOP ID – N1			1	
Must Use	310	N1	Name	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID – PO1			1	
Must Use	010	PO1	Baseline Item Data	M	1		n1

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID – CTT			1	
Must Use	010	CTT	Transaction Totals	M	1		n2
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes:
1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments.

	Segment:	**ST** Transaction Set Header
	Position:	010
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			850 X12.1 Purchase Order	
Must Use	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Must match value in SE02	

Segment:	**BEG** Beginning Segment for Purchase Order	
Position:	020	
Loop:		
Level:	Heading:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates	
Syntax Notes:		
Semantic Notes:	**1** BEG05 is the date assigned by the purchaser to purchase order.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BEG01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			28 Query		
Must Use	BEG02	92	**Purchase Order Type Code**	M	ID 2/2
			Code specifying the type of Purchase Order		
			IN Information Copy		
Must Use	BEG03	324	**Purchase Order Number**	M	AN 1/16
			Identifying number for Purchase Order assigned by the orderer/purchaser		

	Segment:	**DTM** Date/Time Reference
	Position:	150
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	M ID 3/3
			097 Transaction Creation Date/time transaction sent	
Must Use	DTM02	373	**Date** Date expressed as CCYYMMDD	M DT 8/8
			Transaction creation date	
Must Use	DTM03	337	**Time** Time expressed in 24-hour clock time as HHMM, where H = hours (00-23), M = minutes (00-59).	M TM 4/8
			Transaction creation time	

Segment:	**SI** Service Characteristic Identification
Position:	185
Loop:	
Level:	Heading:
Usage:	Mandatory
Max Use:	3
Purpose:	To specify service characteristic data
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SI01 defines the source for each of the service characteristics qualifiers.
Notes:	If either Data Element 1000 or 234 is present, then the other is required. If either qualifier IQ or IR is present, then the other is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SI01	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	**M**	**ID 2/2**
			TI Telecommunications industry		
			Always used		
Must Use	SI02	1000	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics	**M**	**AN 2/2**
			IQ Code for inquiry type		
Must Use	SI03	234	**Product/Service ID** Identifying number for a product or service	**M**	**A 1/1**
			If SI102=IQ Inquiry Type Transaction Type Y NC/NCI Inquiry		
	SI04	1000	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics	**M**	**A 2/2**
			IR Inquiry Activity.		
	SI05	234	**Product/Service ID** Identifying number for a product or service	**M**	**A 1/1**
			If SI104=IR A represents a new inquiry		

SI06	**1000**	**Service Characteristics Qualifier**	**M**	**A 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		LA State Code		
SI07	**234**	**Product/Service ID**	**M**	**A 2/2**
		Identifying number for a product or service		
		Terminating Location State IL,IN,MI,OH,WI		
SI08	**1000**	**Service Characteristics Qualifier**	**M**	**A 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		NC Network Channel Code		
SI09	**234**	**Product/Service ID**	**M**	**AN 4/4**
		Identifying number for a product or service		
		Network Channel Code		
SI10	**1000**	**Service Characteristics Qualifier**	**C**	**AN 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		NI Network Channel Interface Code		
SI11	**234**	**Product/Service ID**	**C**	**AN 1/12**
		Identifying number for a product or service		
		Network Channel Interface Code		
SI12	**1000**	**Service Characteristics Qualifier**	**C**	**AN 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		NJ Secondary Network Channel Interface Code		
SI13	**234**	**Product/Service ID**	**C**	**AN 1/12**
		Identifying number for a product or service		
		Secondary Network Channel Interface Code.		

Segment: **N1** Name
Position: 310
Loop: N1   Mandatory
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**		M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			78	Service requester (CCNA)	
Must Use	N102	93	**Name**		M AN 1/60
			Free-form name		
			Service Requester Code		

Segment: **SE** Transaction Set Trailer

Position:	030
Loop:	
Level:	Summary:
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			Must match value in ST02		

855 Purchase Order Acknowledgment – NC/NCI Response

Functional Group ID=PR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

This transaction set is used by Ameritech to acknowledge and confirm an order received from a customer via the 850 transaction set. Only segments used by AIIS are listed.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Must Use	150	DTM	Date/Time Reference	M	1		
Must Use	185	SI	Service Characteristic Identification	M	2		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			1	
Must Use	010	PO1	Baseline Item Data	M	1		
Must Use	018	SI	Service Characteristic Identification	C	12		
Must Use	050	PID	Product/Item Description	C	1		
			LOOP ID - ACK			1	
Must Use	270	ACK	Line Item Acknowledgment	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Must Use	010	CTT	Transaction Totals	M	1		
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments.

Segment:	**ST** Transaction Set Header		
Position:	010		
Loop:			
Level:	Heading:		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			855 X12.9 Purchase Order Acknowledgment	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Must match value in SE02	

	Segment:	**BAK** Beginning Segment for Purchase Order Acknowledgment
	Position:	020
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
	Syntax Notes:	
	Semantic Notes:	**1** BAK04 is the date assigned by the purchaser to purchase order.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BAK01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M ID 2/2
			11 Response	
Must Use	**BAK02**	**587**	**Acknowledgment Type** Code specifying the type of acknowledgment	M ID 2/2
			AE Code for response	
			RD Reject with detail	
Must Use	**BAK03**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/16
Must Use	**BAK04**	**373**	**Date** Date expressed as CCYYMMDD	M DT 8/8

	Segment:	**DTM** Date/Time Reference
	Position:	150
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	**Data Element**	**Name**		**Attributes**
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
			Date/time transaction sent		
Must Use	DTM02	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			Transaction creation date		
Must Use	DTM03	337	**Time**	M	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, where H = hours (00-23), M = minutes (00-59)		
			Transaction creation time		

	Segment:	**SI** Service Characteristic Identification
	Position:	185
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	2
	Purpose:	To specify service characteristic data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 If either Data Element 1000 or 234 is present, the other is required.
		2 SI01 defines the source for each of the service characteristics qualifiers.
	Notes:	If either qualifier IQ or IR is present, the other is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SI01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			TI Telecommunications industry	
Must Use	SI02	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			IQ Inquiry Type	
Must Use	SI03	234	**Product/Service ID**	M A 1/1
			Identifying number for a product or service	
			Y=NC/NCI Inquiry	
Must Use	SI04	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			NC Network Channel Code	
	SI05	234	**Product/Service ID**	C AN 1/12
			Identifying number for a product or service	
			If SI02 = NC	
			Network Channel Code	
	SI06	1000	**Service Characteristics Qualifier**	C AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			NI Network Channel Code Interface.	
	SI07	234	**Product/Service ID**	C AN 1/12
			Identifying number for a product or service	
			If SI104=NI	
			Network Channel Code Interface	
	SI08	1000	**Service Characteristics Qualifier**	C AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			NJ Secondary Network Channel Interface Code	
	SI09	234	**Product/Service ID**	C AN 1/12
			Identifying number for a product or service	
			If SI106=NJ	
			Secondary Network Channel Interface Code	

	Segment:	**PO1** Baseline Item Data
	Position:	010
	Loop:	PO1 Mandatory
	Level:	Detail:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify basic and most frequently used line item data
	Syntax Notes:	1 If PO103 is present, then PO102 is required.
	Semantic Notes:	
	Comments:	1 PO101 is the line item identification.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO101	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/3
			Presently, always 1	
Must Use	PO102	330	**Quantity Ordered** Quantity ordered	M R 1/1
			Presently, always 1	
Must Use	PO103	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2

Segment: **SI** Service Characteristic Identification
Position: 018
Loop: PO1   Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 12
Purpose: To specify service characteristic data
Syntax Notes:
Semantic Notes:
Comments: 1   If either Data Element 1000 or 234 is present, the other is required.
               2   SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SI01	559	**Agency Qualifier Code**	**M**	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications industry		
Must Use	SI02	1000	**Service Characteristics Qualifier**	**M**	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			NC Network Channel Code		
	SI03	234	**Product/Service ID**	**C**	**AN 1/12**
			Identifying number for a product or service		

If SI02 = NC
Network Channel Code

	Segment:	**PID** Product/Item Description
	Position:	050
	Loop:	
	Level:	Detail
	Usage:	Conditional
	Max Use:	1
	Purpose:	To describe a product or process in coded or free-form format
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free Form	
	PID03	559	**Agency Qualifier Code**	C ID 2/2
			Code identifying the agency assigning the code values	
			TI Telecommunications Industry	
			This element is returned only when no errors are encountered	
	PID05	352	**Agency Qualifier Code**	C AN 1/80
			A free-form description to clarify the related data elements and their content	
			Free-form description of the error that occurred. This element is returned when there is an error condition.	

	Segment:	**ACK** Line Item Acknowledgment

Segment: **ACK** Line Item Acknowledgment
Position: 270
Loop: ACK   Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ACK01	668	**Line Item Status Code**	M ID 2/2

Code specifying the action taken by the seller on a line item requested by the buyer

IA	Item Accepted
IR	Item Rejected

Segment: **CTT** Transaction Totals

Position: 010
Loop: CTT   Mandatory
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments: 1   This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

	Segment:	**SE** Transaction Set Trailer
	Position:	030
	Loop:	
	Level:	Summary:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Must match value in ST02	

SAV Error Messages

Message ID

SAVD100: MISSING OR INVALID INPUT DATA:SI03: NC Code

SAVD101: COMPLETE NC CODE NEEDED IF NCI CODE SUPPLIED

SAVD102: COMPLETE NC CODE NEEDED IF SECNCI CODE SUPPLIED

SAVD103: COMPLETE NCI CODE NEEDED IF SECNCI CODE SUPPLIED

SAVI300: Service Not Available

SAVS200: SYSTEM ERROR. PLEASE TRY AGAIN.

SAVS201: SYSTEM ERROR. PLEASE TRY AGAIN.

SAVS202: SYSTEM ERROR. PLEASE TRY AGAIN.

SAVS203: SYSTEM ERROR. PLEASE TRY AGAIN.

SAVE001: INVALID EDI FORMAT Missing Receiver ID in ISA segment.

SAVE002: INVALID EDI FORMAT Missing Sender ID in ISA segment.

SAVE003: INVALID EDI FORMAT Missing Standard ID Number in ISA segment

SAVE004: INVALID EDI FORMAT Missing Test Indicator in ISA segment

SAVE005: INVALID EDI FORMAT Missing Version Number in ISA segment.

SAVE006: INVALID EDI FORMAT Missing Component Element Separator in ISA segment

SAVE007: INVALID EDI FORMAT: Seg <text> Fld 0:unrecognized input segment id <id>

SAVE008: INVALID EDI FORMAT: Mandatory segment not found

SAVE009: INVALID EDI FORMAT: Mandatory element <number> not found in segment.

SAVE010: INVALID EDI FORMAT: segment element <number> data too short <string>

SAVE011: INVALID EDI FORMAT: segment element <number> data too long <string>

SAVE012: INVALID EDI FORMAT: segment element <number> data incorrect <string>

SAVE013: INVALID EDI FORMAT: segment element <number> data is empty <string>

SAVE014: INVALID EDI FORMAT: segment element <number> data should not be on list: <string>

SAVE015: INVALID EDI FORMAT: segment element <number> data unknown <string>

SAVE016: INVALID EDI FORMAT: Mandatory segment SE not found!

SAVE017: INVALID EDI FORMAT: incorrect SE01 segment count <number>

NC/NCI Inquiry

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
CCNA	Customer Carrier Name Abbreviation	H		3/A	N101 = 78	N102	R	78 = Service Requestor
INQNUM	Inquiry Number	H		16/AN	BEG01 = 28 BEG02 = IN	BEG03	R	28 = Code for query IN = Code for Information Copy
D/TSENT	Date and Time Sent	H	Date: CCYYMMDD Time: HHMM	17/AN	DTM01=097	Date: DTM02 Time: DTM03	R	Time is optional. Date and Time are based on sender's time (application time) DTM02 = Date DTM03= Time in 24 hr. format
TXTYP	Transaction Type	H	Y	1/A	SI02 = IQ	SI03	R	IQ = Inquiry Type Y = NC/NCI Inquiry (new qualifier and non-OBF value)
INQACT	Inquiry Activity	H	A	1/A	SI04 = IR	SI05	R	IR = Inquiry Activity A = New Inquiry
ST	State	H	IL, IN, MI, OH, WI	2/A	SI06 = LA	SI07	R	Terminating Location State LA = code to identify a geographic region
NC	Network Channel Code	H	CLEC Defined	4/AN	SI08 = NC	SI09	R	May provide full or partial consisting of first two characters of NC code. "@" fill required for partial code value. Partial NC code will return all applicable NC codes meeting criteria.
NCI	Network Channel Interface Code	H	CLEC Defined	12/AN	SI10 = NI	SI11	C	May provide full, partial or blank NCI code. "@" fill required for partial code value. If NCI is partial, NC code must be complete. Partial NCI code will return all applicable NCI codes meeting criteria.
SECNCI	Secondary Network Channel Interface Code	H	CLEC Defined	12/AN	SI12 = NJ	SI13	C	May provide full, partial or blank SECNCI code. "@" fill required for partial code value. If SECNCI is partial, NC and NCI codes must be complete. Partial SECNCI code will return all applicable SECNCI codes meeting criteria.

NC/NCI Response

Ameritech 855 Network Channel/Network Channel Interface Preordering Response Specification
Based on the Service Order Sub-Committee EDI matrix and the Local Service Ordering Guidelines from OBF

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
INQNUM	Inquiry Number	H	CLEC Defined	16/AN	BAK01 = 11 BAK02 = AE or RD	BAK03	R	11 = Code for response AE = Code for Acknowledge with Exceptions RD = Reject with detail
TXTYP	Transaction Type	H	Y	1/A	SI02 = IQ	SI03	R	IQ = Inquiry Type Y = NC/NCI Inquiry
D/TSENT	Date and Time Sent	H	Date: CCYYMMDD Time: HHMM	17/AN	DTM01=097	Date: DTM02 Time: DTM03	R	Time is optional. Date and Time are based on sender's time (application time) DTM02 = Date DTM03= Time in 24 hr. format
NC	Network Channel Code	H	CLEC Defined	4/AN	SI04 = NC	SI05	R	(Header Level NC) Required to display NC value submitted on inquiry.
NCI	Network Channel Interface Code	H	CLEC Defined	12/AN	SI06= NI	SI07	C	(Header Level NCI) Required to display NCI value submitted on inquiry.
SECNCI	Secondary Network Channel Interface Code	H	CLEC Defined	12/AN	SI08= NJ	SI09	C	(Header Level SECNCI) Required to display SECNCI value submitted on inquiry.
NC	Network Channel Code	D	CLEC Defined	4/AN	SI02 = NC	SI03	C	Required when ACK01 = IA. If a partial NC was submitted on request, all applicable NC codes meeting criteria will be returned.
NCI	Network Channel Interface Code	D	CLEC Defined	12/AN	SI04 = NI	SI05	C	Required when response contains NCI code(s). If partial NCI was submitted on request, all applicable NCI code combinations meeting criteria will be returned.
SECNCI	Secondary Network Channel Interface Code	D	CLEC Defined	12/AN	SI06 = NJ	SI07	C	Required when response contains SECNCI code(s). If partial SECNCI was submitted on request, all applicable SECNCI code combinations meeting criteria will be returned.

NC/NCI Response

Ameritech 855 Network Channel/Network Channel Interface Preordering Response Specification
Based on the Service Order Sub-Committee EDI matrix and the Local Service Ordering Guidelines from OBF

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
ERRCODE		D	Ameritech Defined	80/AN	PID01 = F	PID05	C	Returned when an error is encountered in processing the request. Required if ACK01 = IR
ACK		D	IA IR	2/AN		ACK01	R	IR = Rejected item IA = Accepted item

Segment Sequence

NC/NCI Inquiry

ST*850*0001
BEG*28*IN*_INQNUM_**PO DATE**AE
DTM*097*_D/TSENT{CCYYMMDD}_*_D/T SENT{HHMM}_
SI*TI*IQ*_TXTYP_*IR*_INQACT_*LA*_ST_*NC*_NC_*NI*_NCI_*NJ*_SECNCI_
N1*78*_CCNA_
PO1*1*1*EA
CTT*1
SE*nn*0001 (nn: calculated number of segments)

NC/NCI Response

ST*855*0001
BAK*11*AE*_INQNUM_*PO DATE (accepted transactions only)
BAK*11*RD*_INQNUM_*PO DATE (rejected transactions only)
DTM*097*_D/TSENT{CCYYMMDD}_*_D/T SENT{HHMM}_
SI*TI*IQ*_TXTYP_*NC*_NC_*NI*_NCI_*NJ*_SECNCI (from inquiry)_
PO1*1 *1*EA
SI*TI*NC*_NC_*NI*_NCI_*NJ*_SECNCI_
PID*F****_ERRCODE_
ACK*_ACK_
CTT*n (n: number of lines in transaction set)
SE*nn*0001 (nn: calculated number of segments)